

## ABSTRACT OF DISCLOSURE

The present invention relates to a method of selectively overwriting data written in a multi-session disk. To selectively overwrite a session or sessions in a multi-session disk, this method 5 checks the size of new data requested to be written, searches the multi-session disk for a single or a plurality of consecutive sessions whose total size is larger than the size of the new data, overwrites the single or the plurality of consecutive sessions discovered in the searching step with the new data, and updates temporary management 10 information for tracks recorded in the multi-session disk to reflect the overwritten session or sessions in the temporary management information. Accordingly, one or more sessions having useless data can be selectively overwritten without affecting other sessions having important data, and storage efficiency of a rewritable disk 15 can be improved. Furthermore, because track information in PMA exactly reflects real recorded tracks after the session selective overwriting, a location error never occurs when appending or reproducing data.